

CeRC

Customer Experience Remote Control

A distributed solution that simulates the behavior of customers/subscribers by performing predefined network service tests across vendors and technologies.

CeRC can control any number of mobile test devices connected to the platform and is designed to automate all forms of network or device testing, reducing costs and increasing efficiency.

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Key Use Cases

- Automated network interoperability testing
- Automated mobile device certification
- Audio quality assurance
- Network service assurance
- Subscriber journey testing (Onboarding, consumption, communication channels etc.)
- Roaming assurance



Key Consumers

- Mobile Network Operators
- Mobile Equipment Vendors
- Mobile Device Manufacturers
- Device certification laboratories
- RF or network test laboratories
- Regulators
- Service Integrators



“If you find yourself repeating the same task more than once, then automate it, the short-term effort pays dividends in the long run”

Key Functionality

Full Device Remote Control and View

CeRC offers an end user complete control of a remote device as if the user was holding that device in their hand

Signaling Protocol Analysis

Signal trace and analysis are essential for high-quality testing. The CeRC solution can automatically capture and allow users to analyze and verify the entire 3GPP and IETF protocol stack. Audio Quality and Verification

Latest Android, IOS and IoT Device Support

The solution supports the latest devices without any form of "rooting" or "Jail-breaking", which means you test on the exact same hardware and software that a normal subscriber would be using

Test Sequence Designer

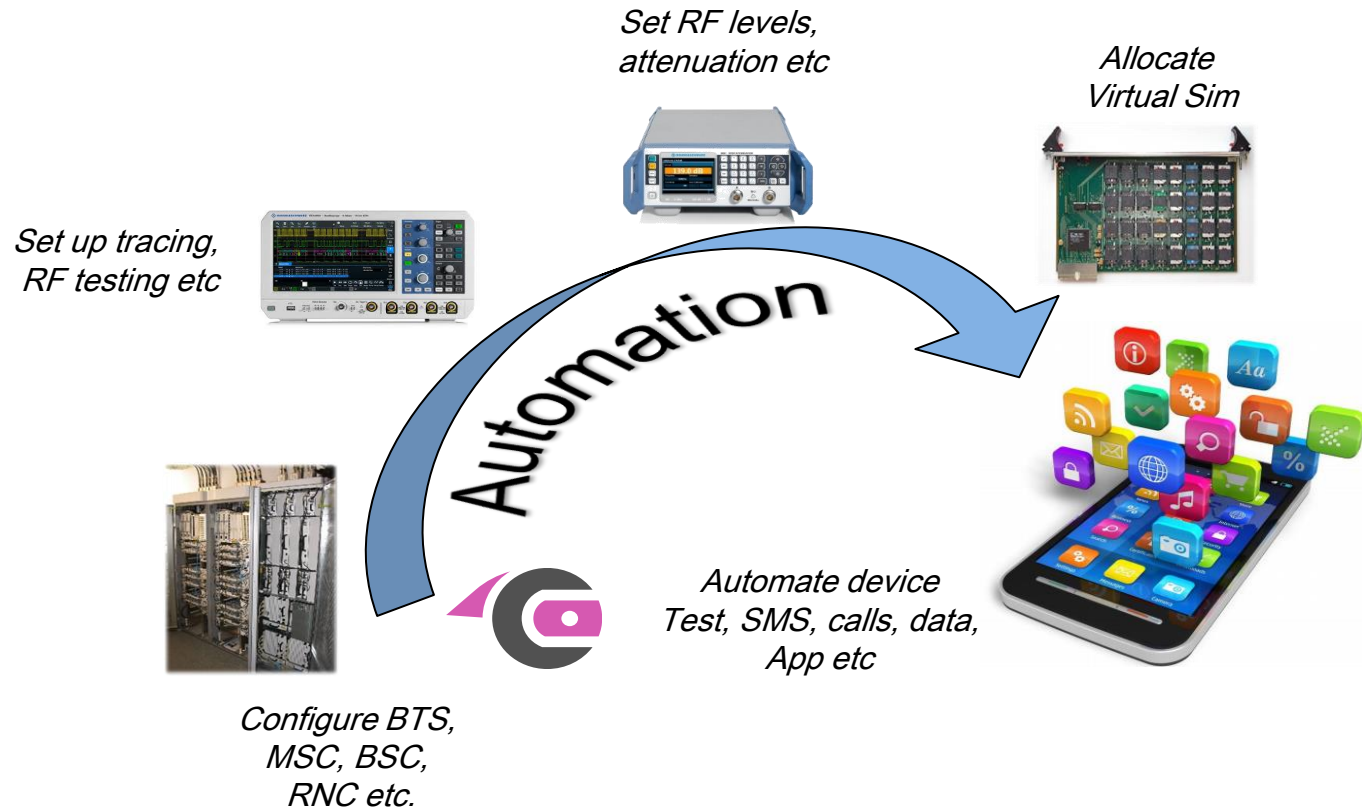
No specific scripting knowledge or advanced device knowledge is required to build complex, reliable test cases in the platform

M2M Interface Automation

CeRC integrates with the MML syntax of many major network equipment manufacturers and is designed to integrate with the MML and GUI configuration interface for all major IT and telco equipment manufacturers.

AI Library Support

CeRC is able to integrate with most popular AI libraries allowing for enhanced analysis such as image recognition, document verification etc.



Operational Benefits

Save Time

Improve time-to-market by shortening the testing period by up to 80%. Eliminate human-related bottlenecks by running multiple automated tests in parallel. Absorb peak demand period without overtime or outsourcing

Improve Quality

Increase service quality, improve customer satisfaction and retention. By eliminating the cost and time constraints of manual testing, repetitive test runs identify many more faults that could harm your brand and increase churn

Reduce Costs

Up to 80% direct cost savings in test execution. Automate existing and future tests that would otherwise require thousands of man-hours

About Digitata

Digitata Networks is a technology and solutions provider, assisting telecommunication vendors and operators in their journey to digitally transform their business and networks

Digitata Networks offers best in class solutions to digitize, visualize, analyze, and automate key aspects of telecom operators' business, processes, and network infrastructure.

Through our pragmatic approach and by working very closely with our customers, we aspire to become a trusted advisor



Focus Areas

Our key competencies in mobile and fixed-line telecoms include:

- Configuration Management
- Performance Management
- Asset Management
- Customer Experience
- Centralized Site Management
- Process Transformation and Automation



Our team of experts are here to help you develop successful strategies today for a technologically advanced tomorrow

